

Fig. 1

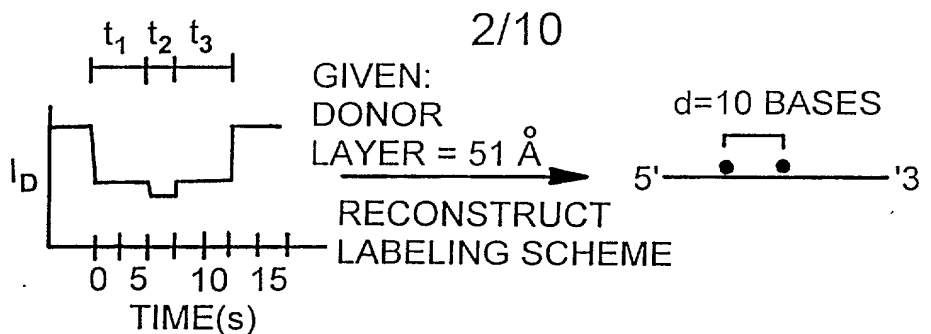


Fig. 2

TARGET SEQUENCE,
5' ACGTACGTACGTACGT '3

5'* ——— '3
A A

DISTANCE FROM
END LABEL

1,5

5'* ——— '3
A A

5,13

REPEAT FOR
OTHER BASES
& GENERATE
SEQUENCE

5'* ——— '3
A A

1,13

Fig. 3

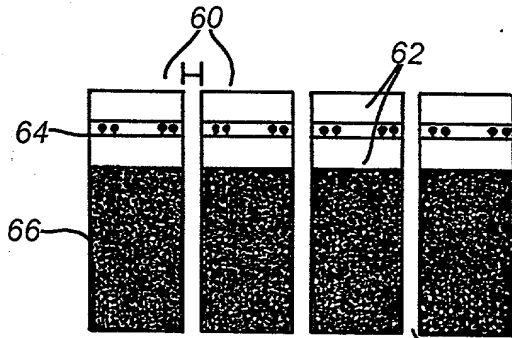


Fig. 4A

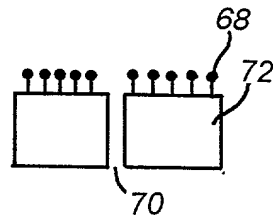


Fig. 4B

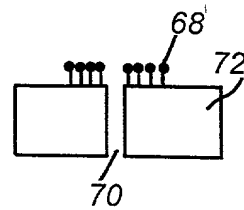


Fig. 4C

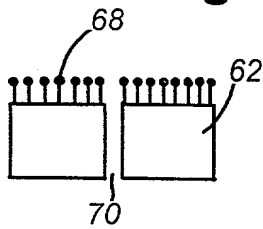


Fig. 4D

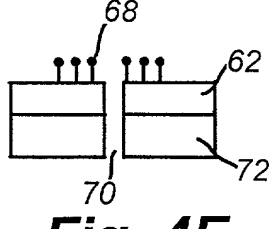


Fig. 4E

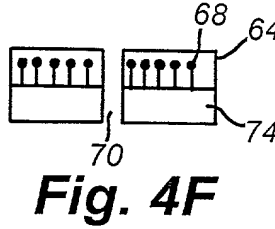


Fig. 4F

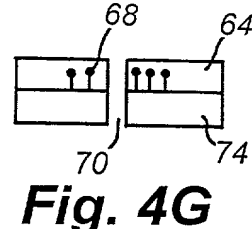


Fig. 4G

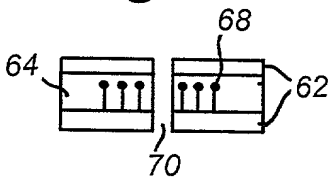


Fig. 4H

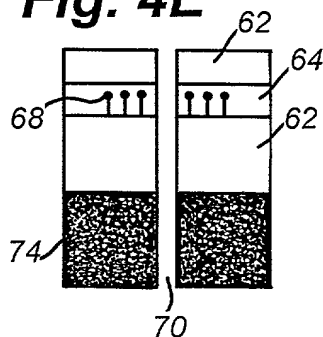


Fig. 4I

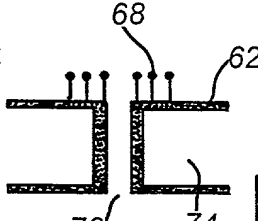


Fig. 4J

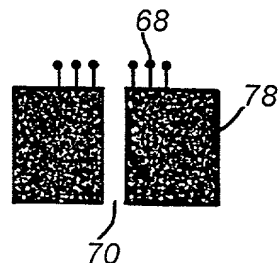


Fig. 4K

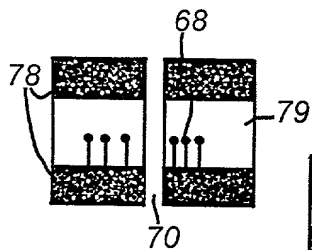


Fig. 4L

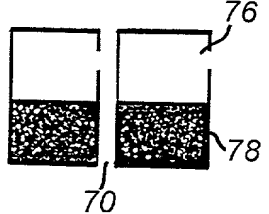


Fig. 4M

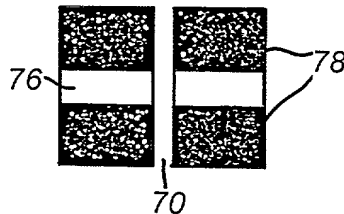


Fig. 4N

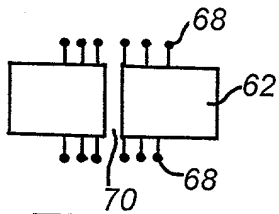


Fig. 4O

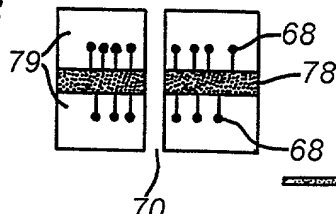


Fig. 4P

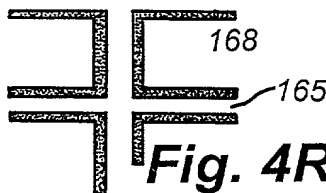


Fig. 4R

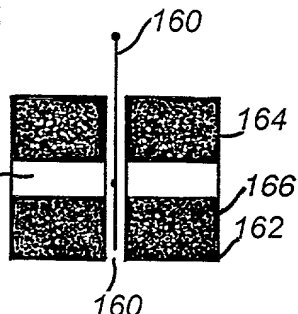


Fig. 4Q

Fig. 4

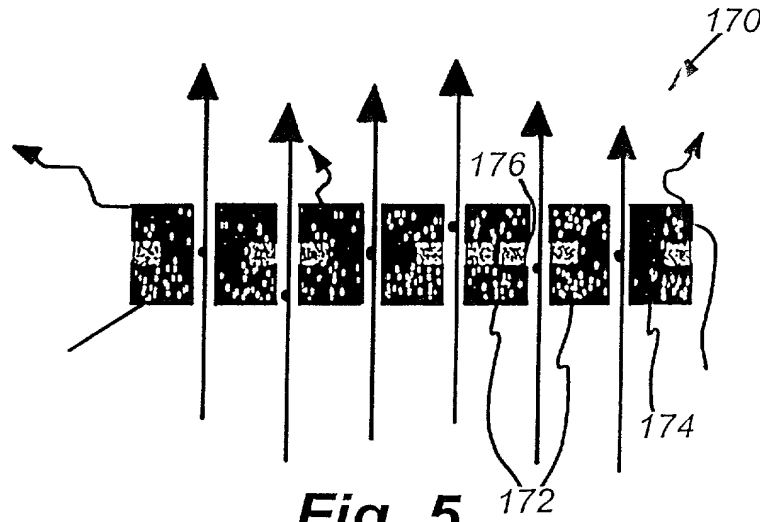


Fig. 5

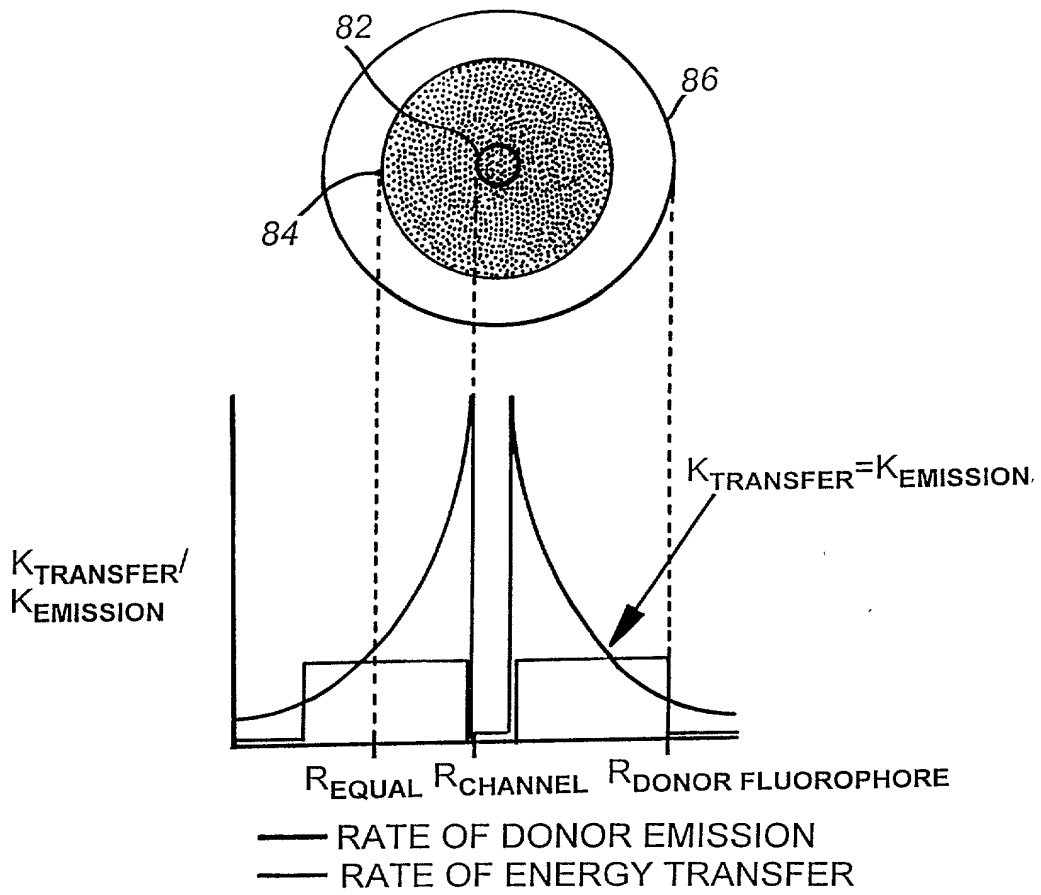


Fig. 6

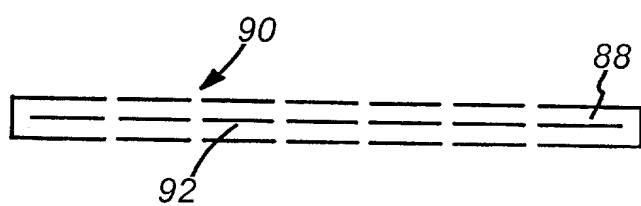


Fig. 7A

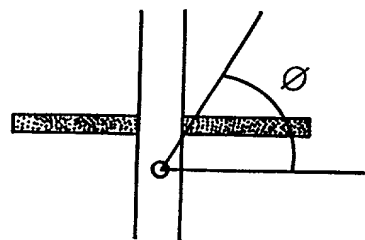


Fig. 7B

Fig. 7

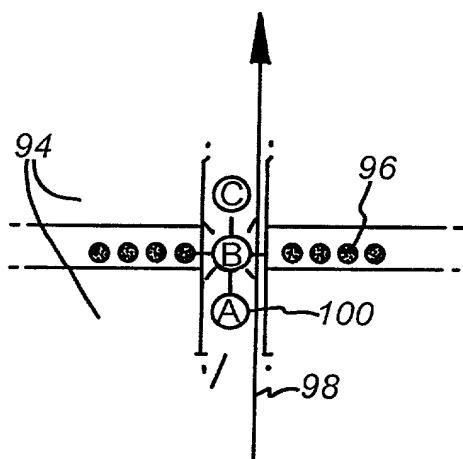


Fig. 8A

DONOR INTENSITY vs. POSITION
OF FLUOROPHORE RELATIVE
TO LAYERS OF NANOCHANNEL

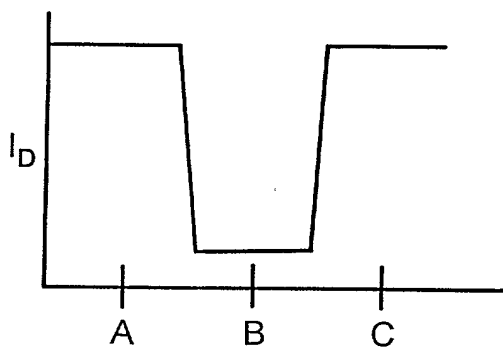


Fig. 8B

Fig. 8

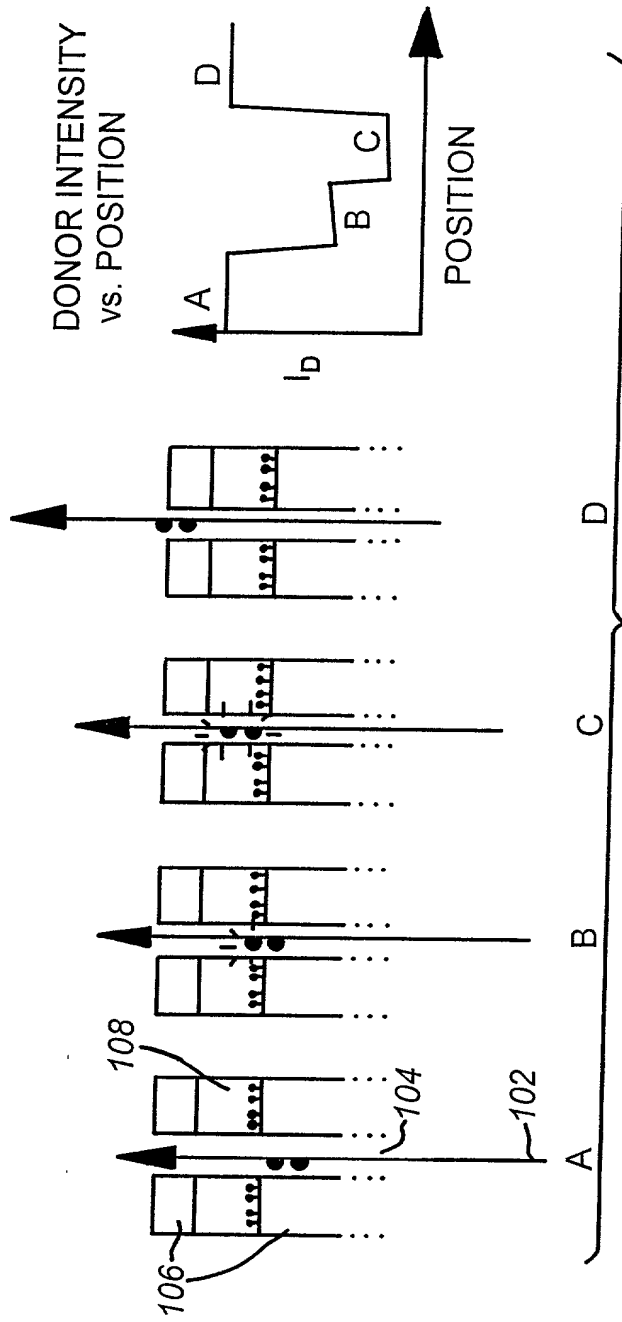


Fig. 9

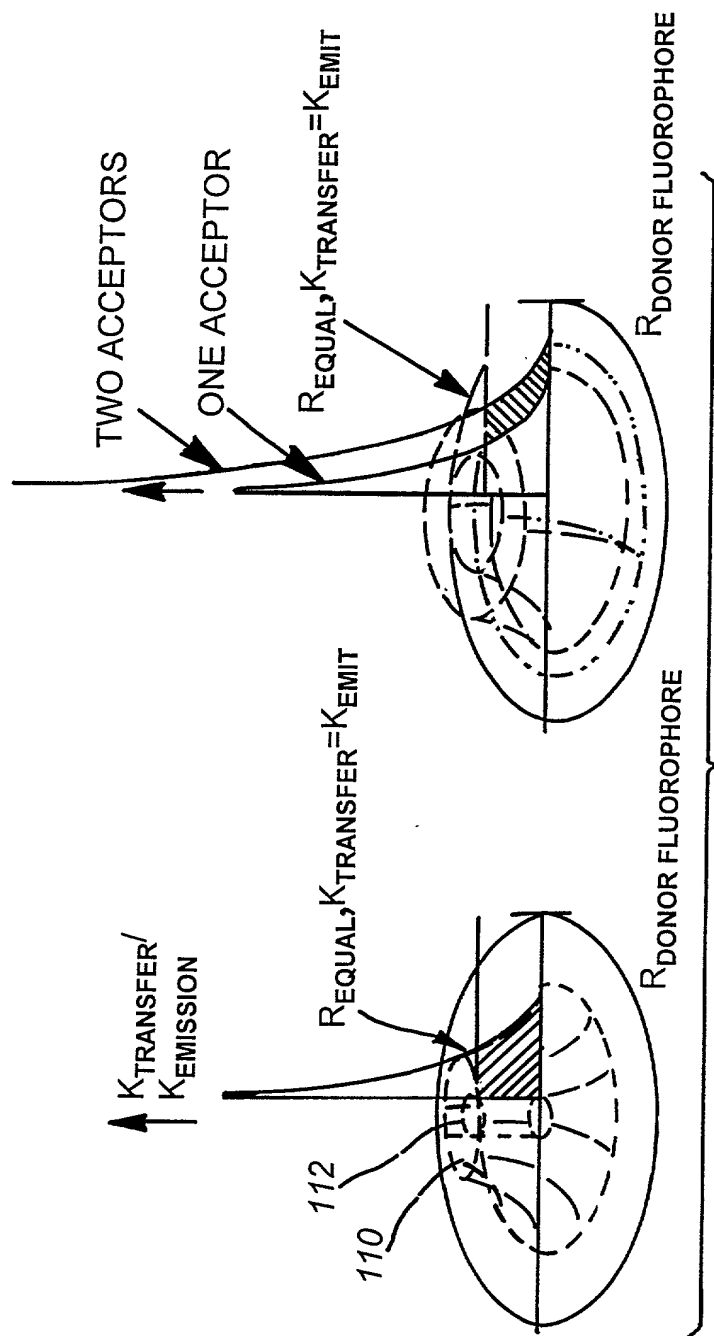


Fig. 10

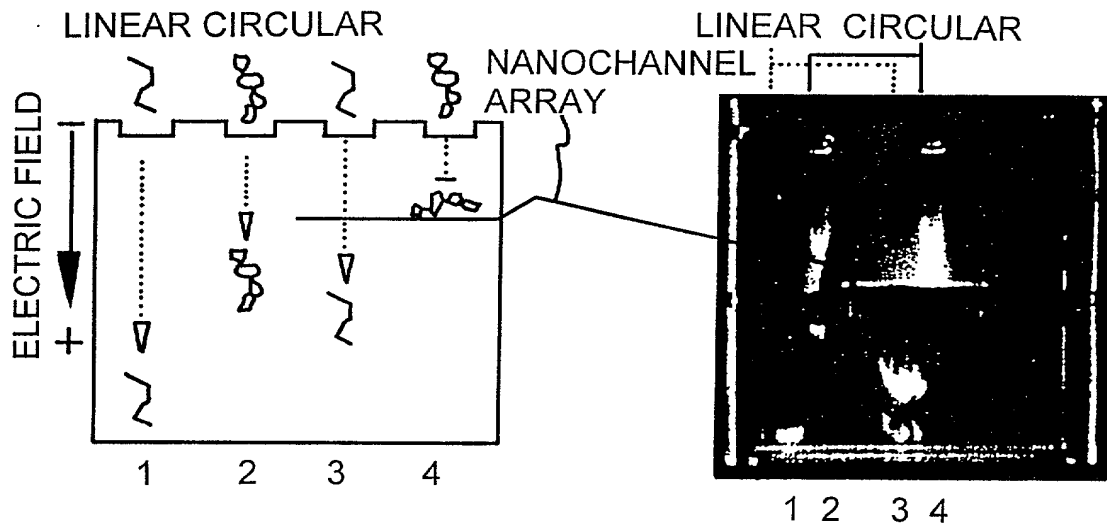


Fig. 11

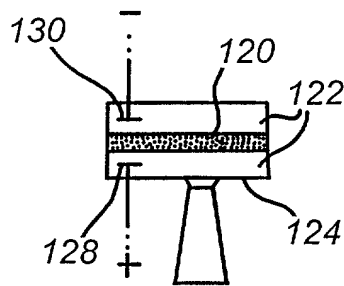


Fig. 12

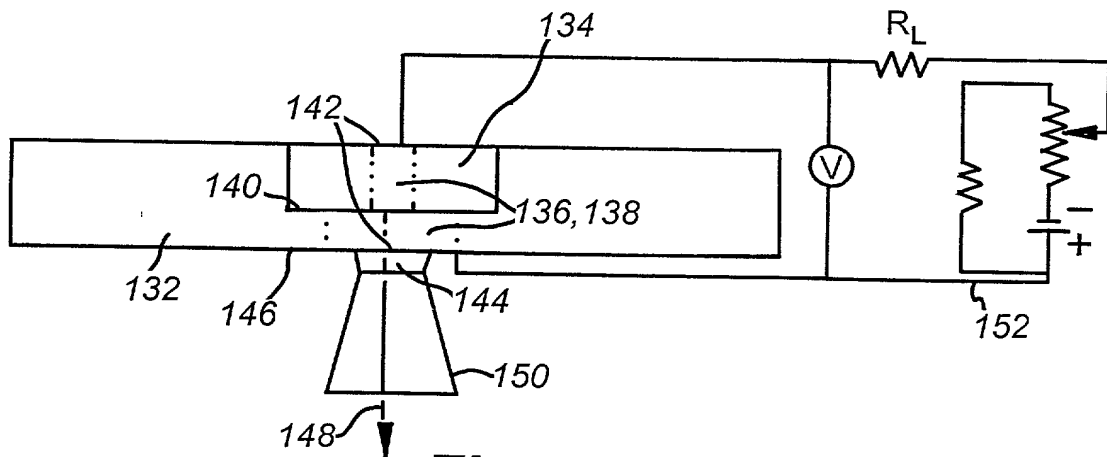


Fig. 13

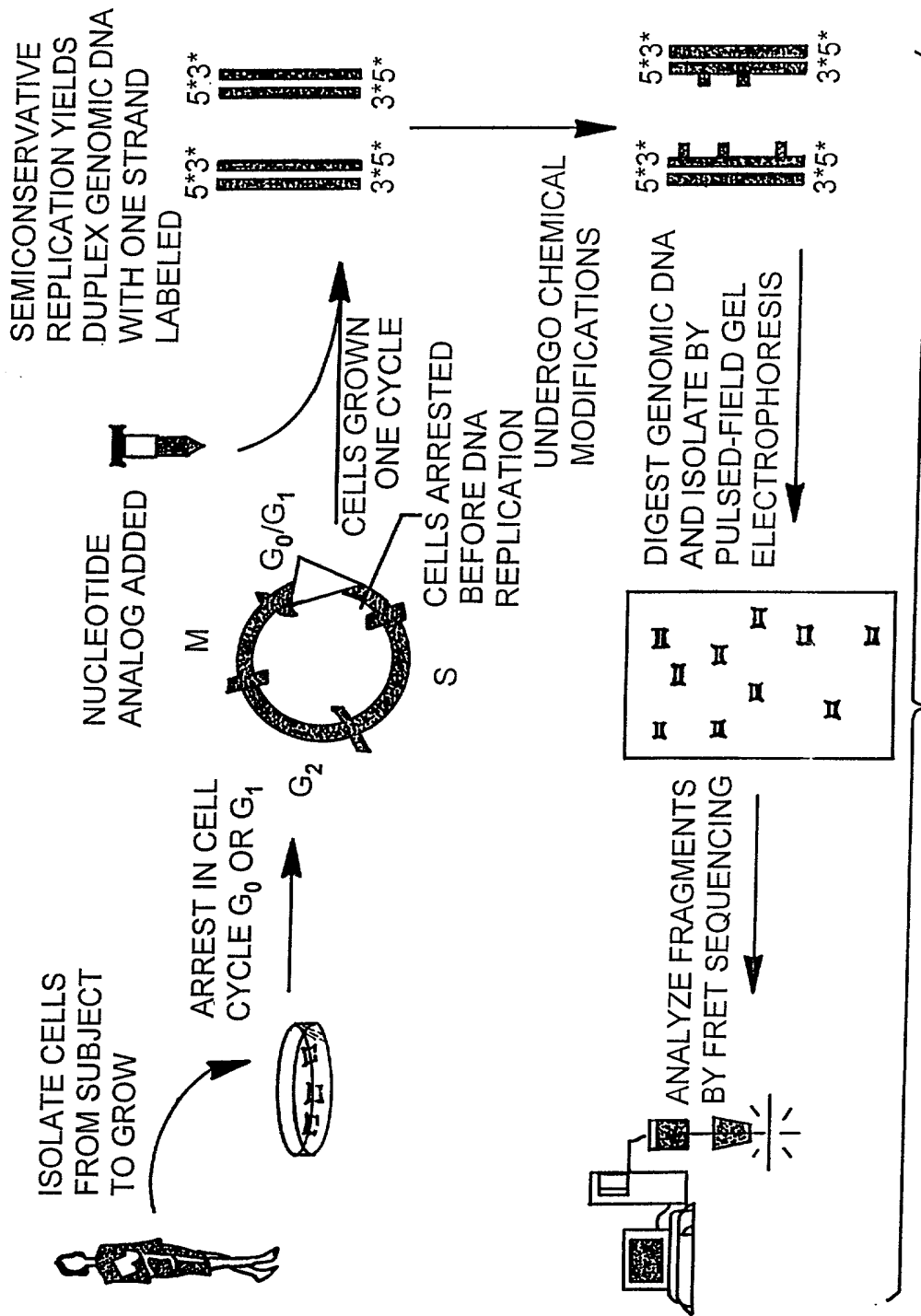
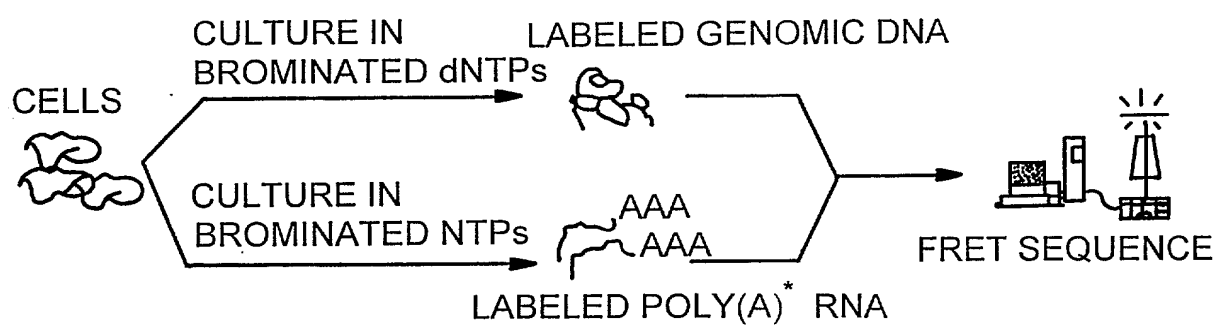


Fig. 14

**Fig. 15**